

FIG. 1

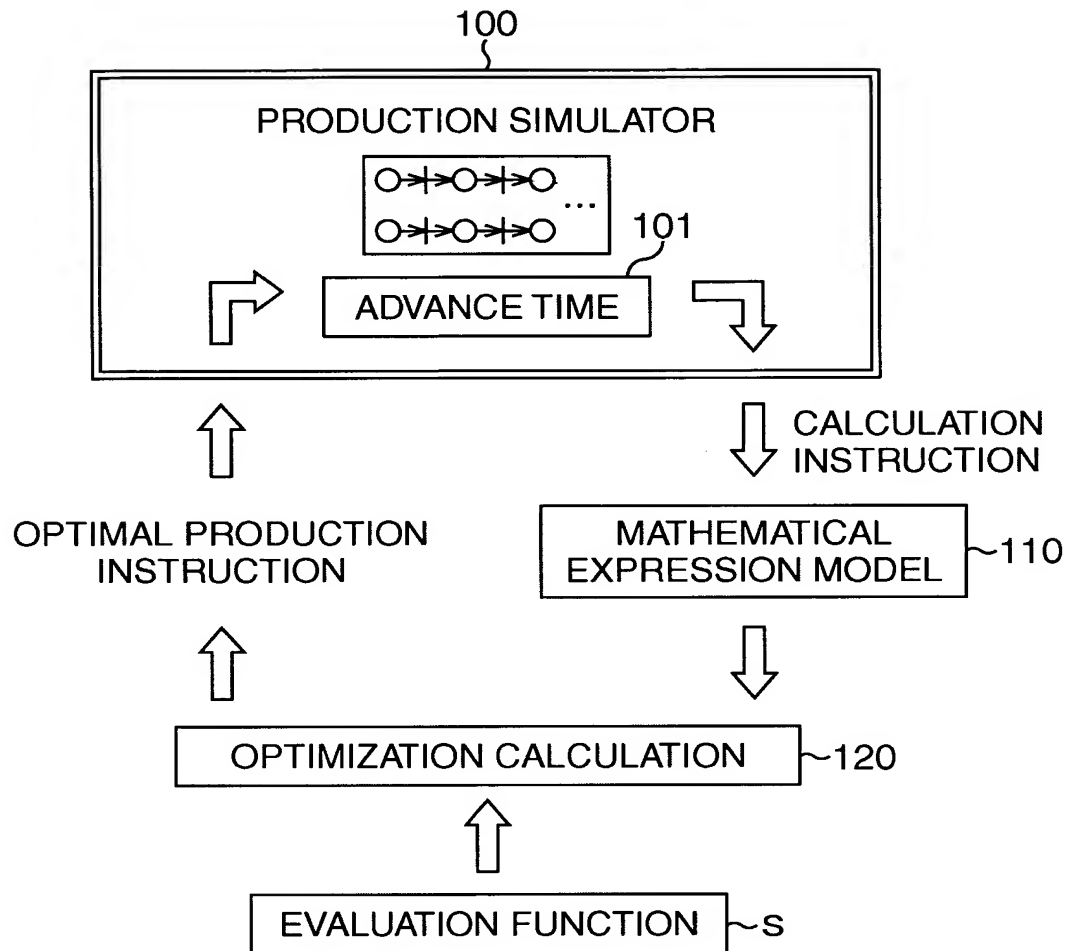


FIG. 2

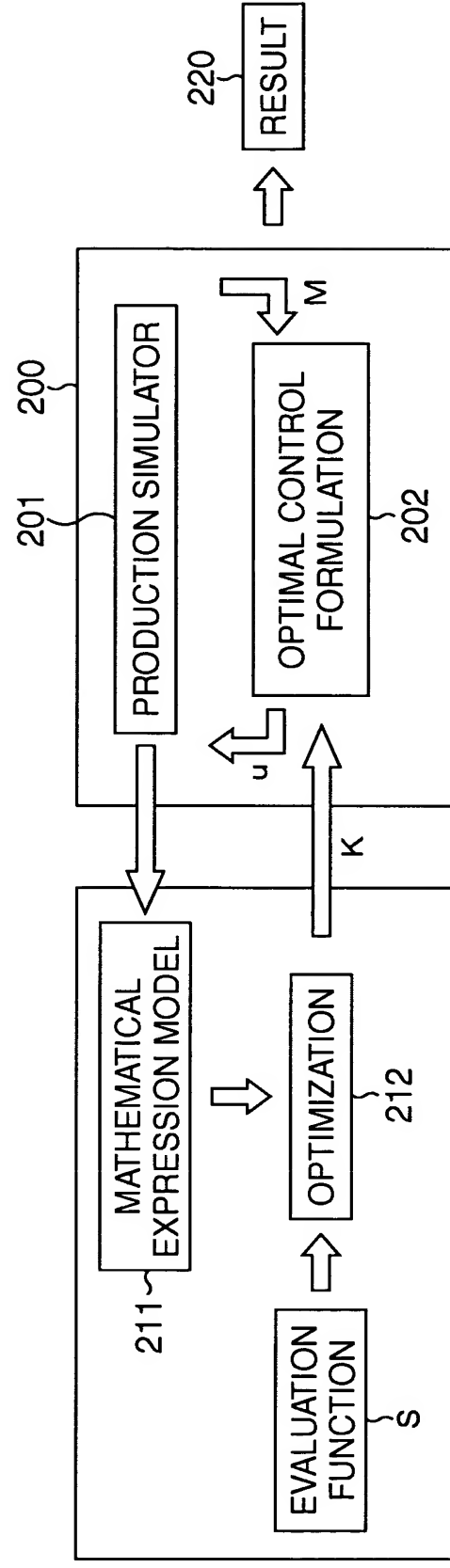


FIG. 3

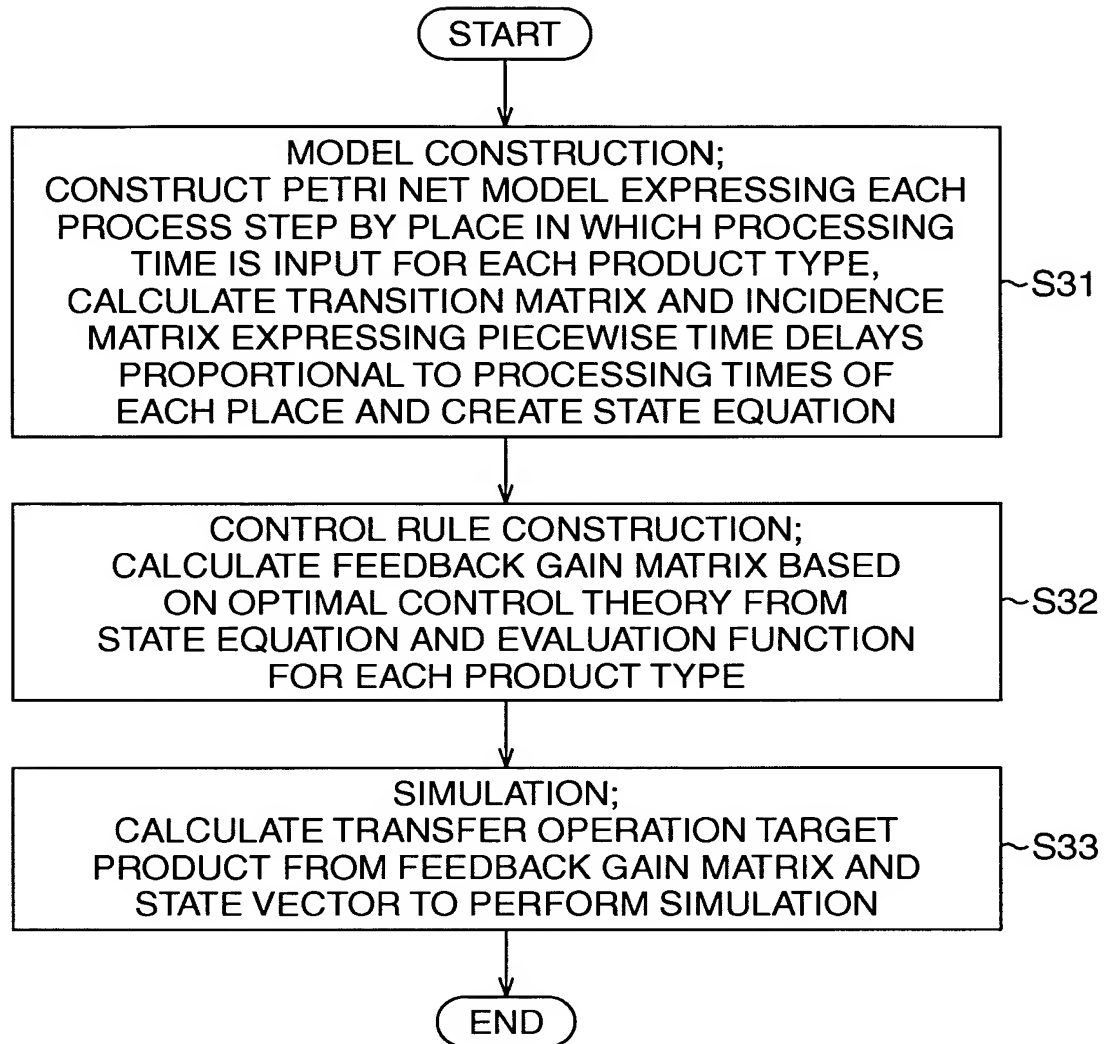


FIG. 4

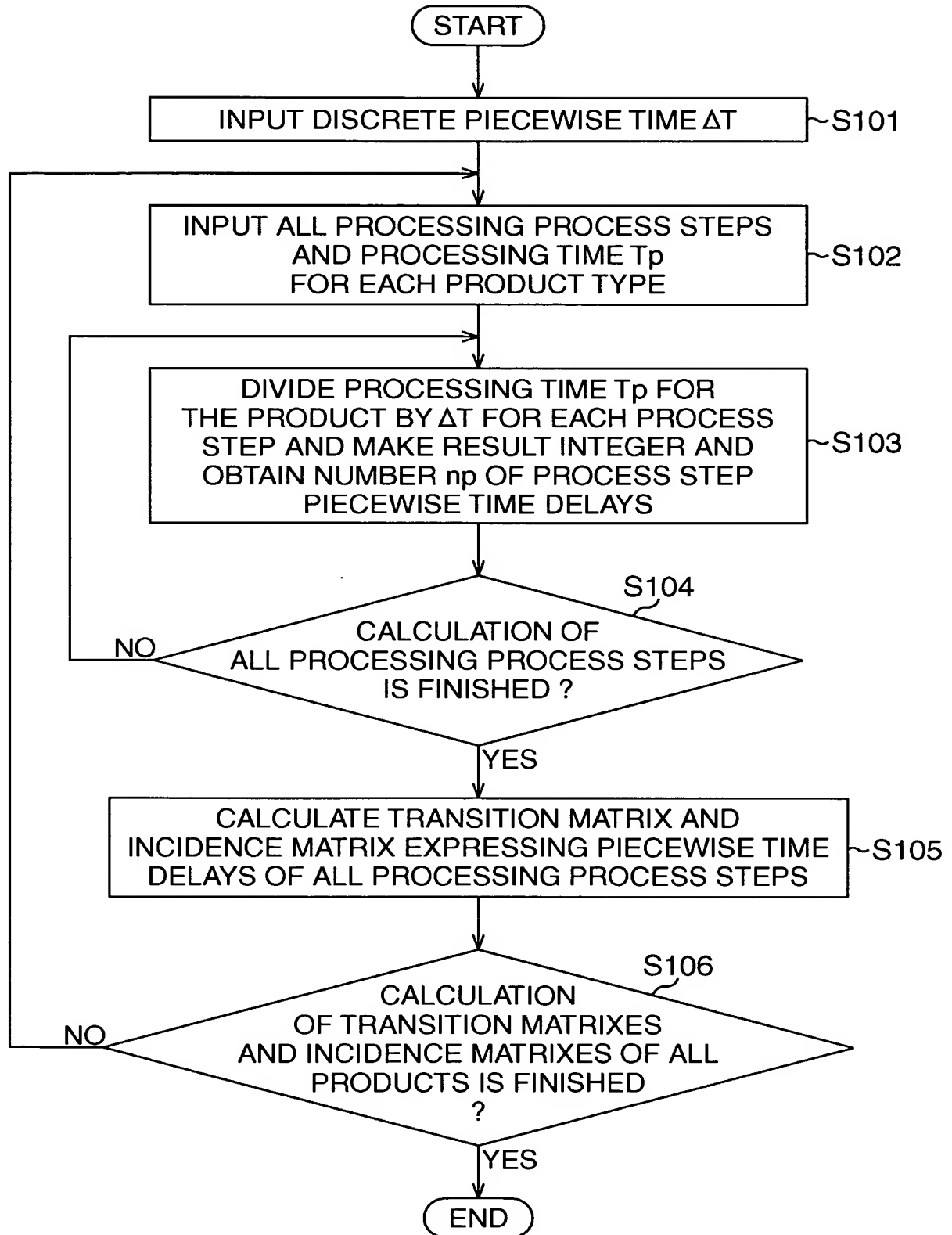


FIG. 5

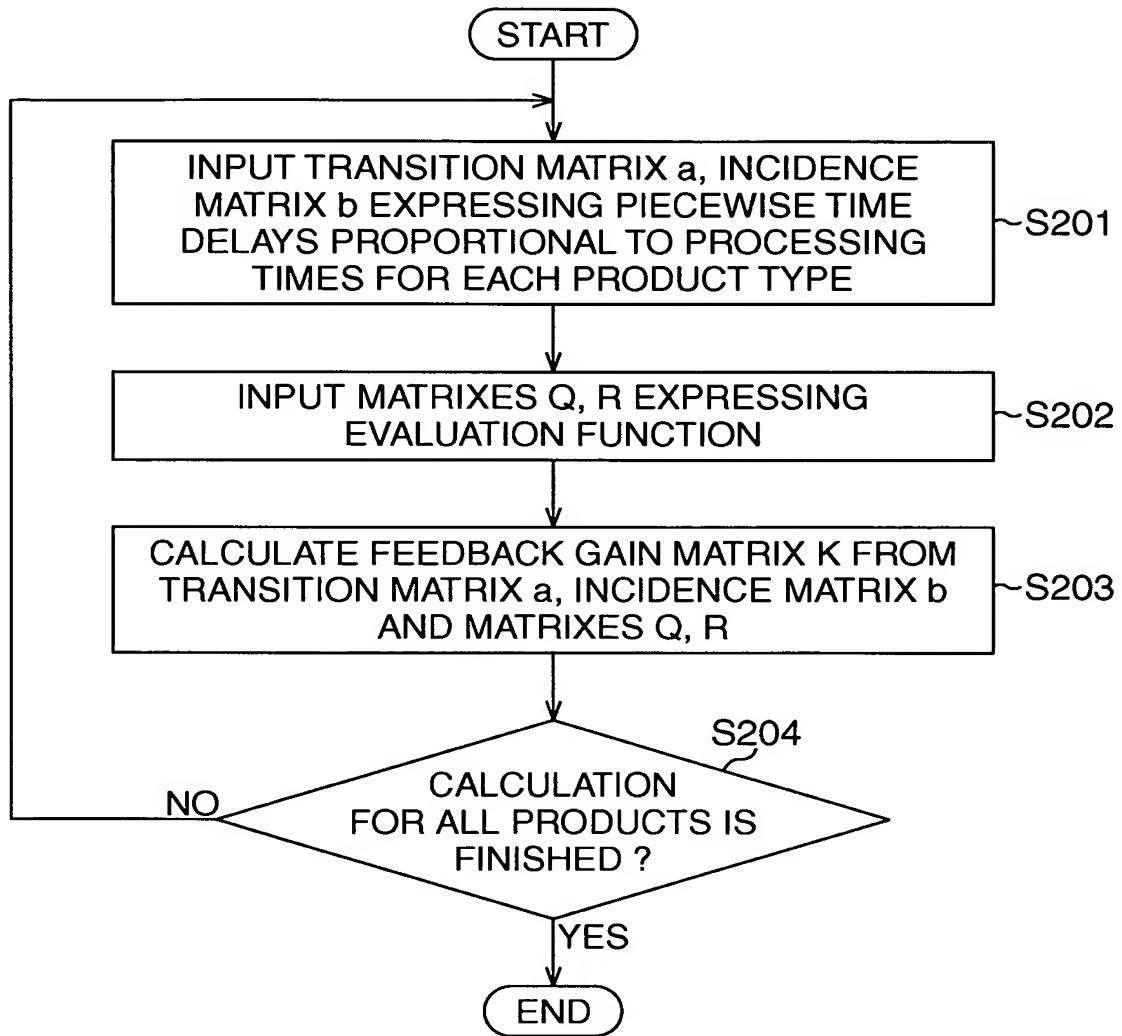


FIG. 6

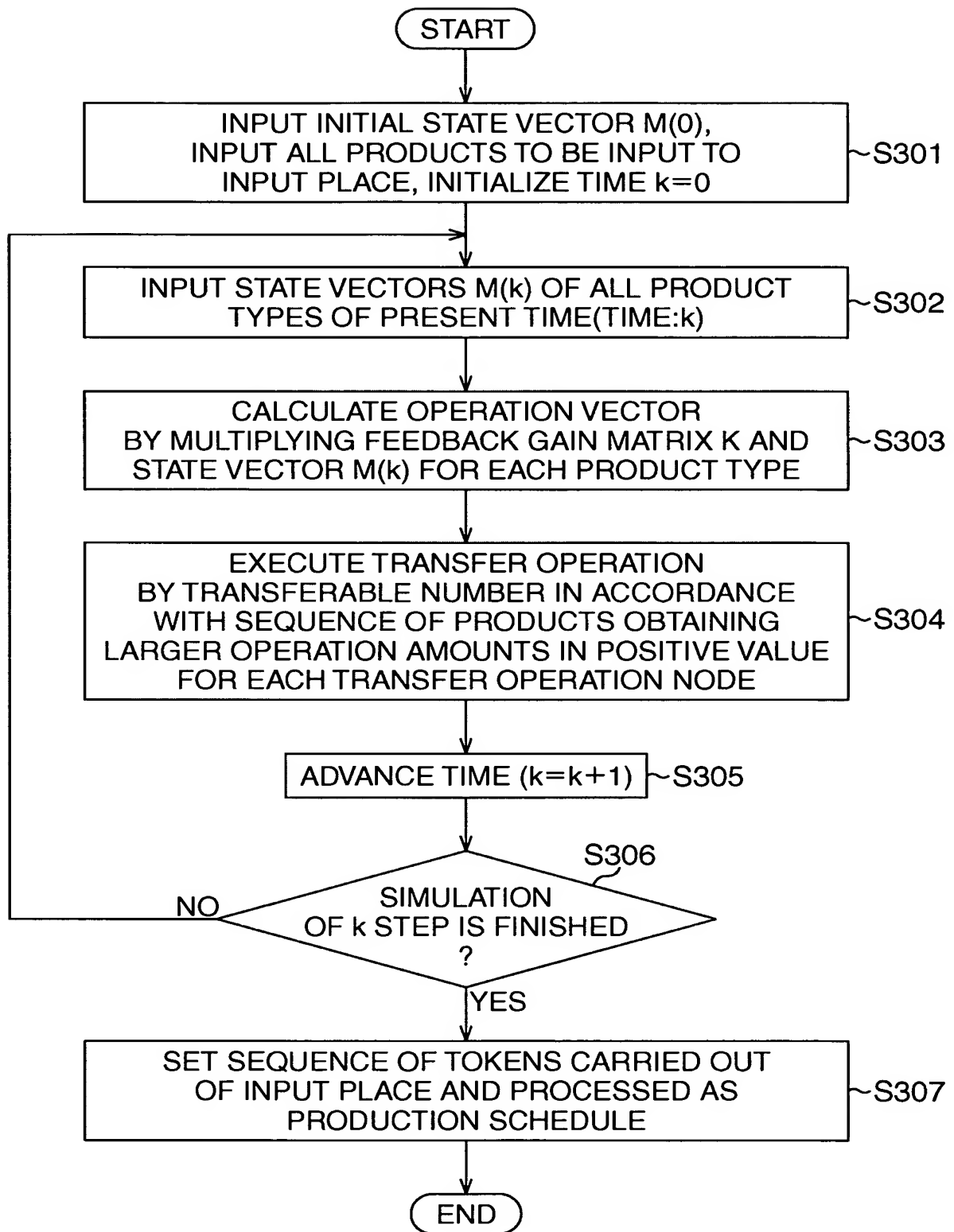


FIG. 7

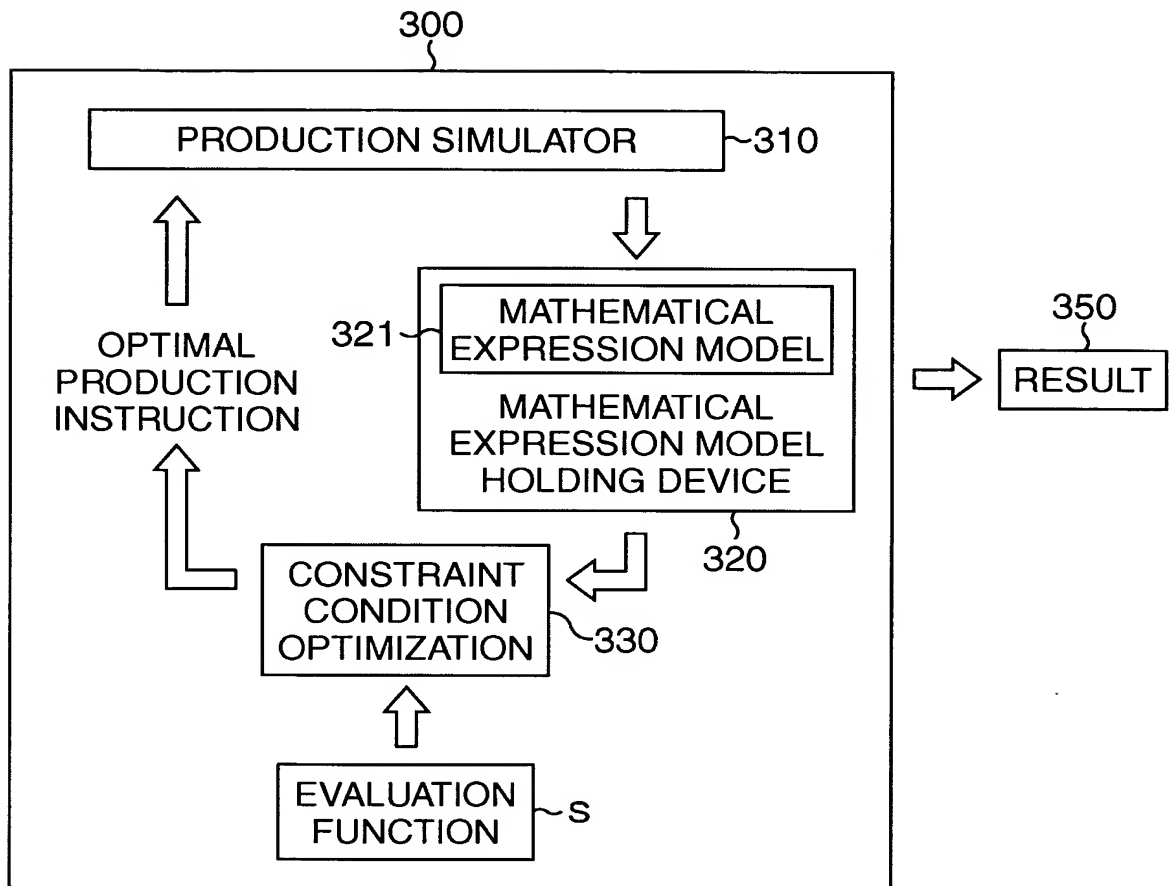


FIG. 8

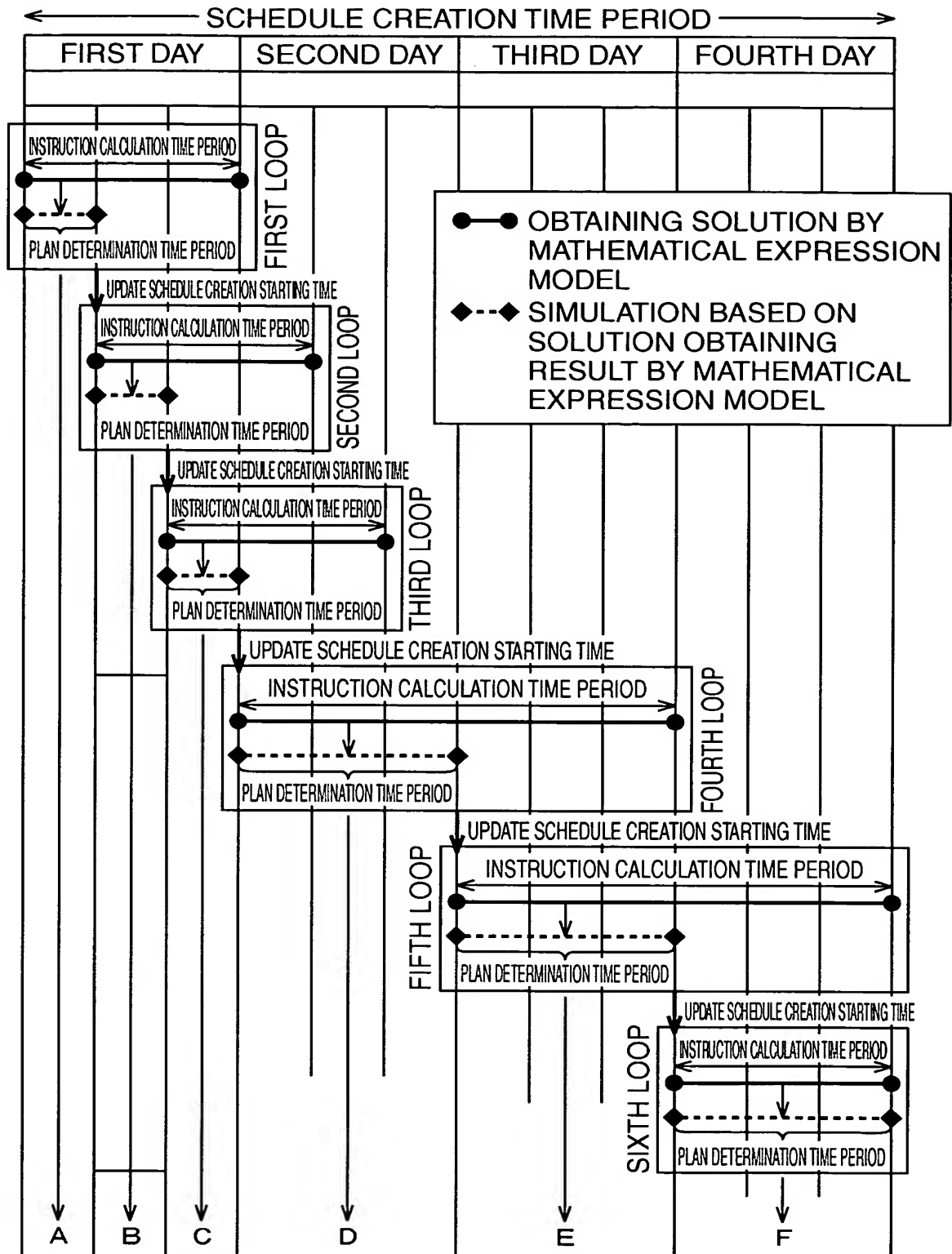


FIG. 9

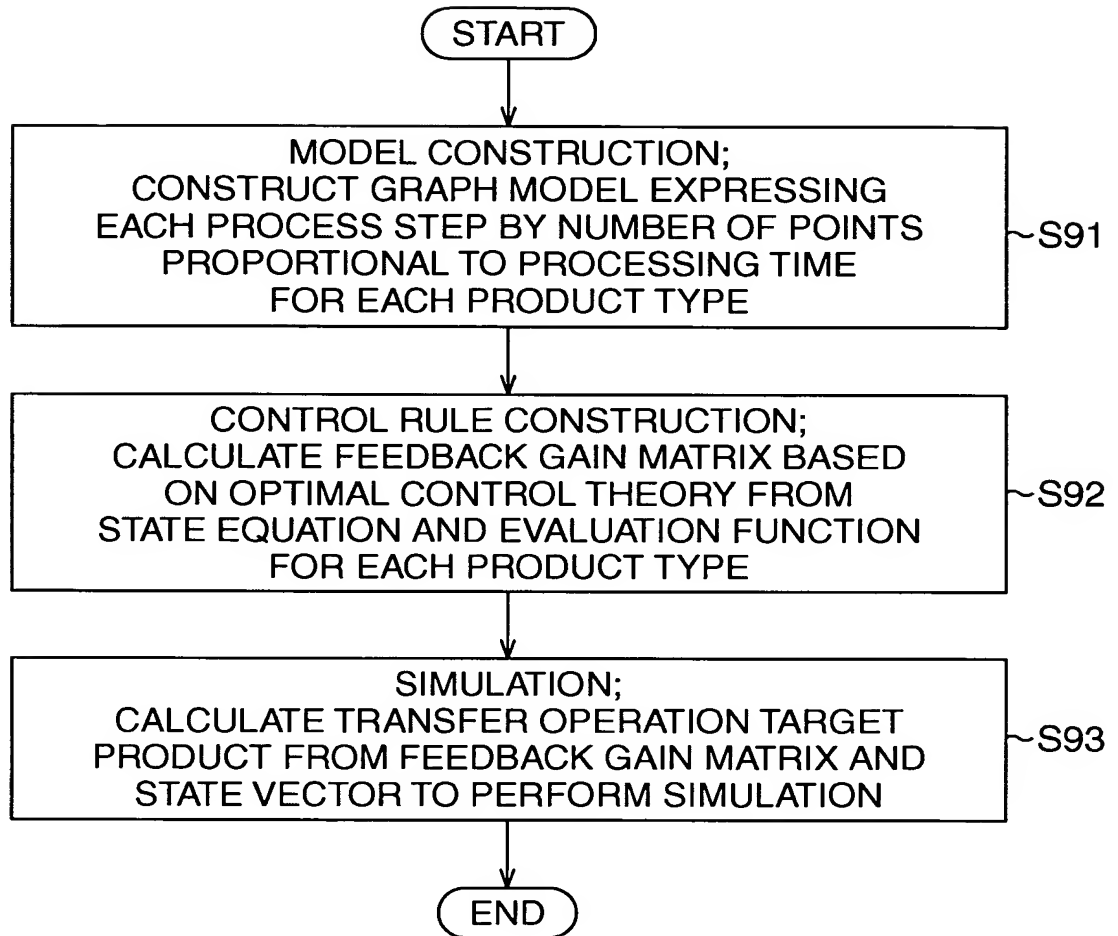


FIG. 10

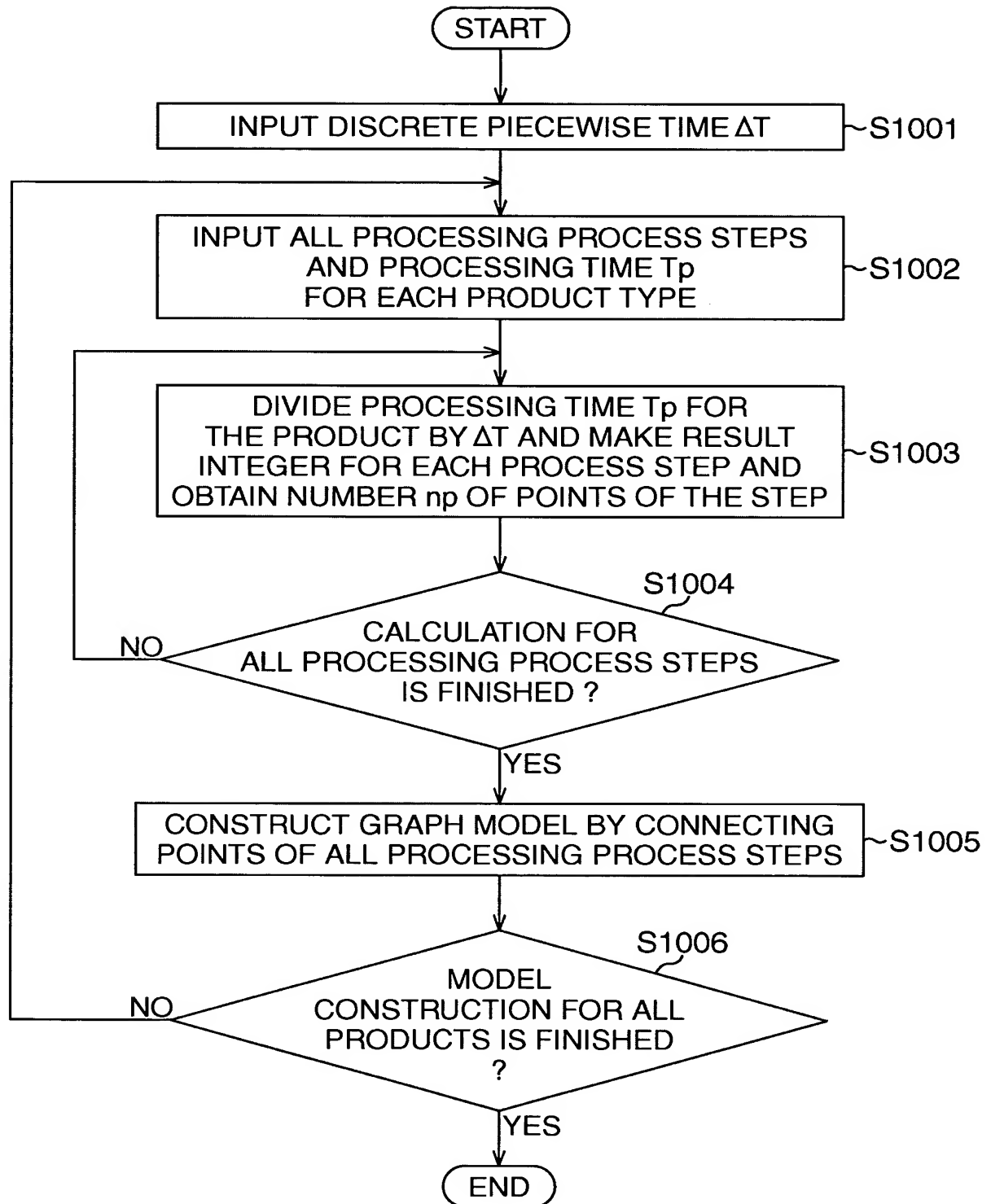


FIG. 11

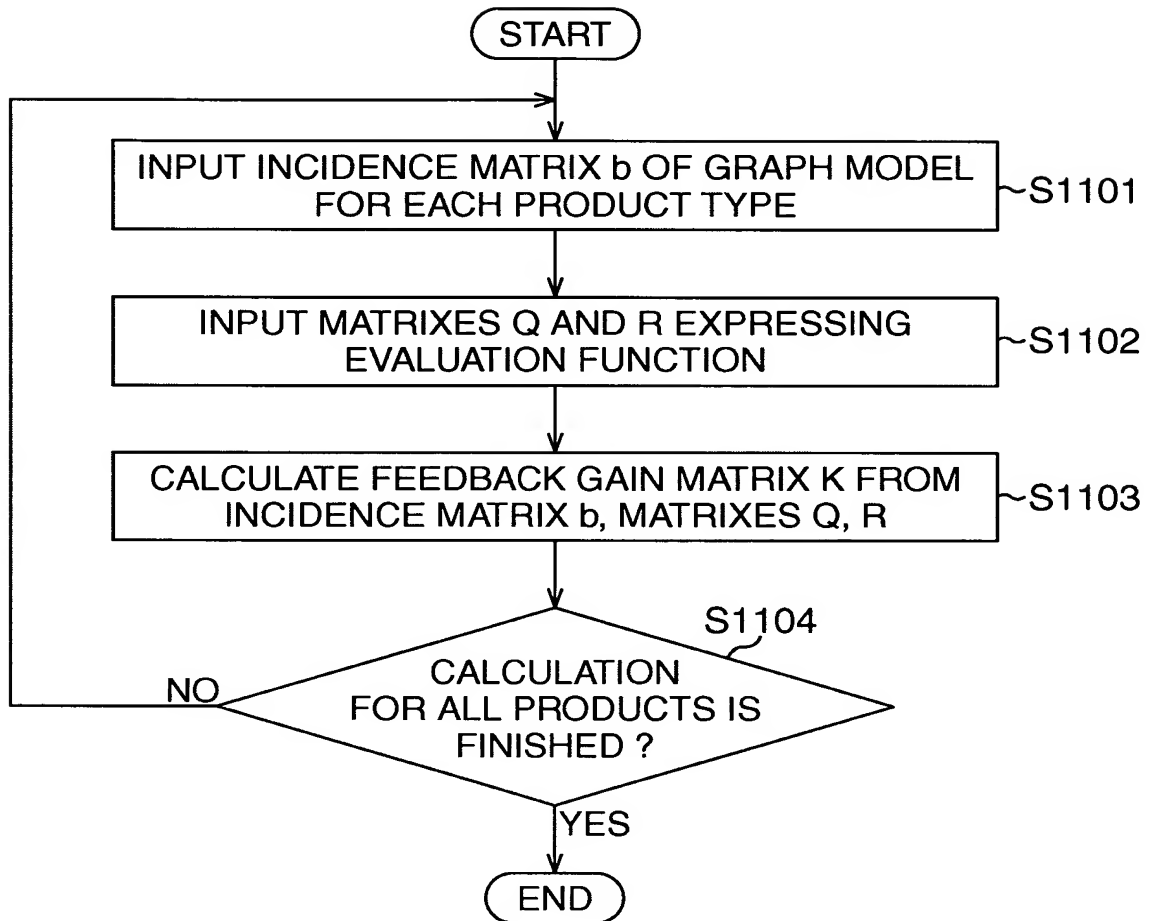


FIG. 12

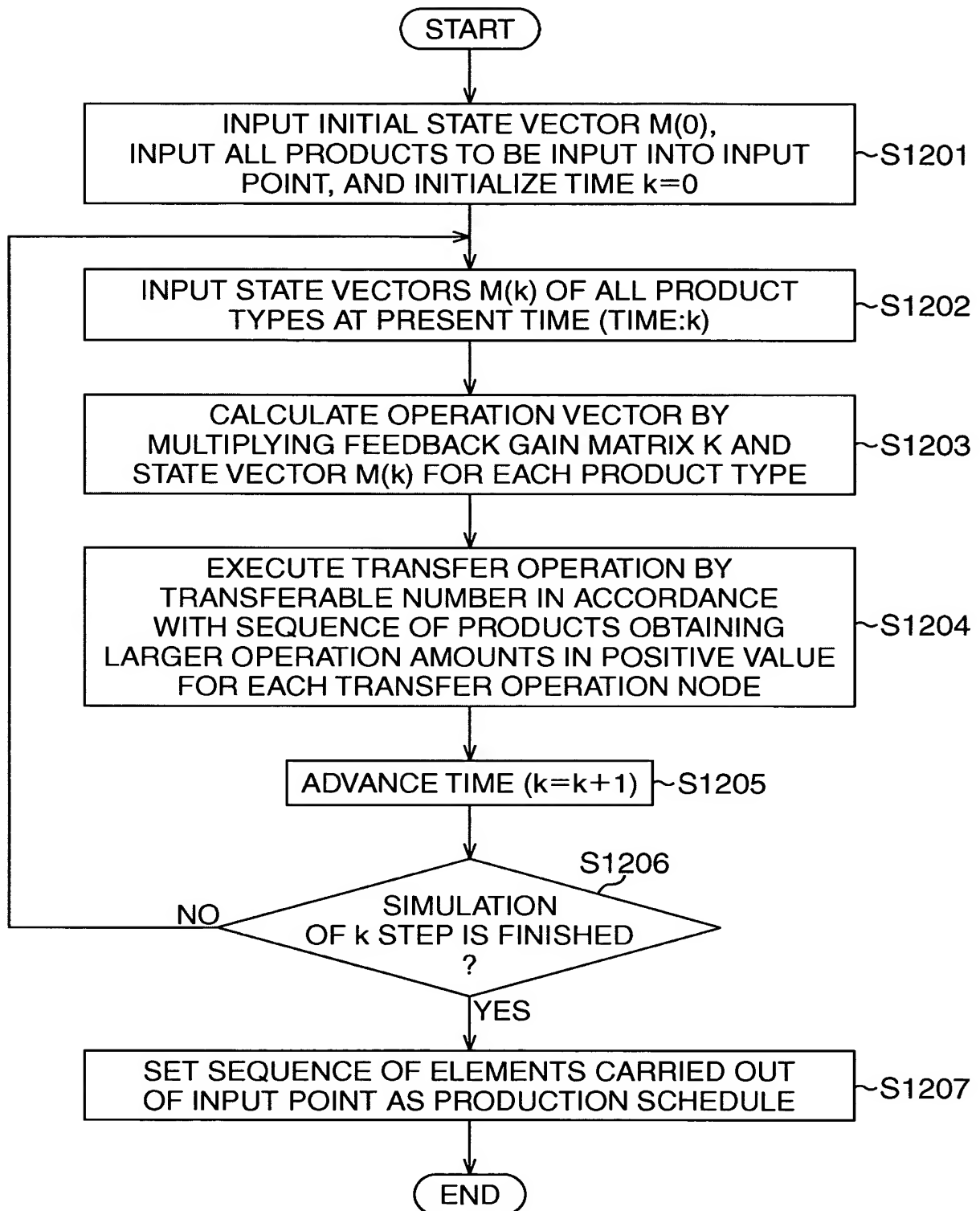


FIG. 13

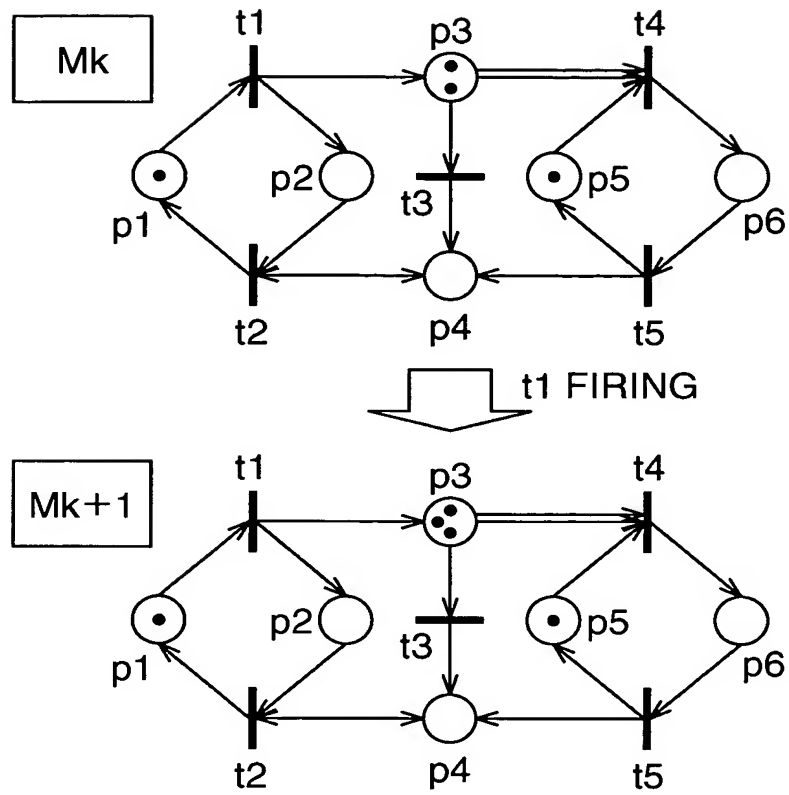


FIG. 14

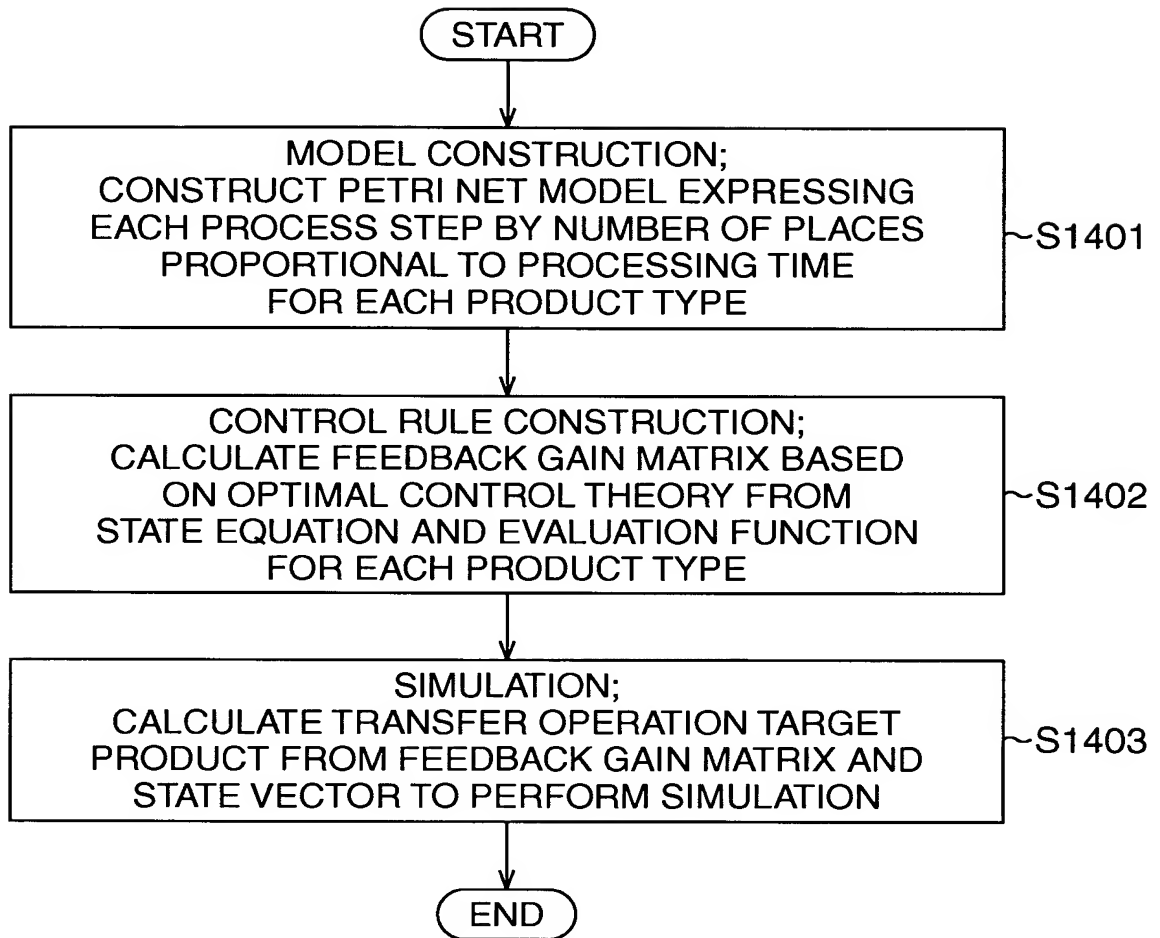


FIG. 15

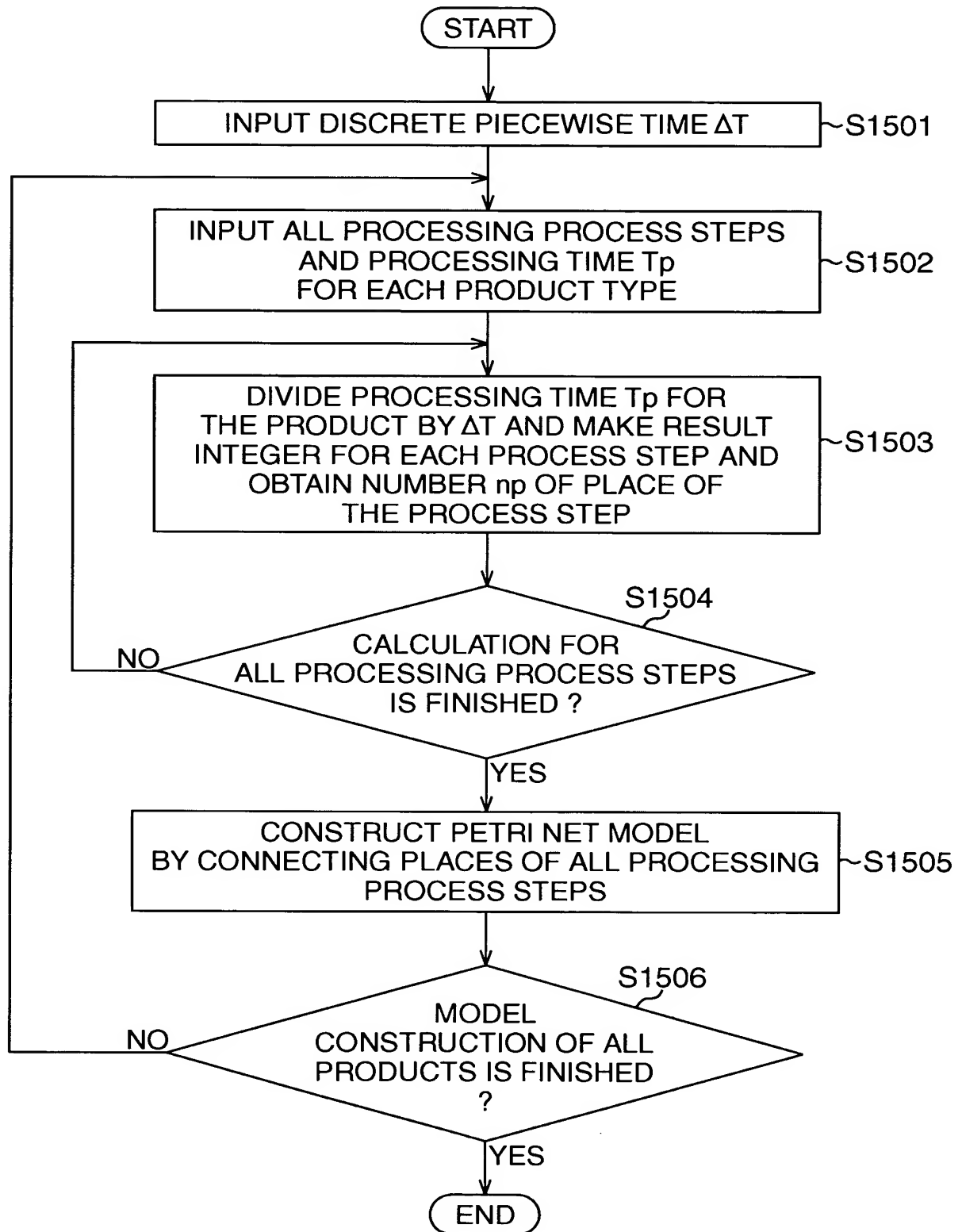


FIG. 16

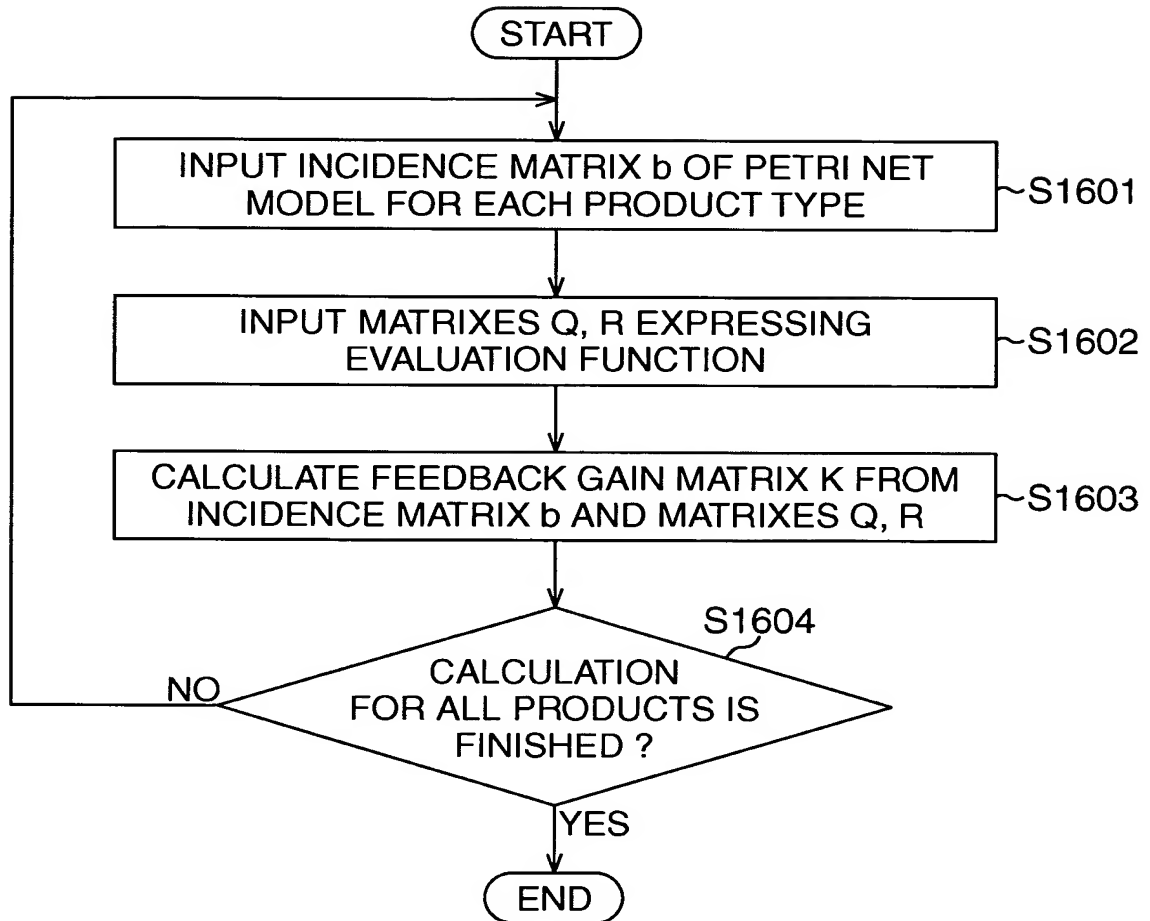


FIG. 17

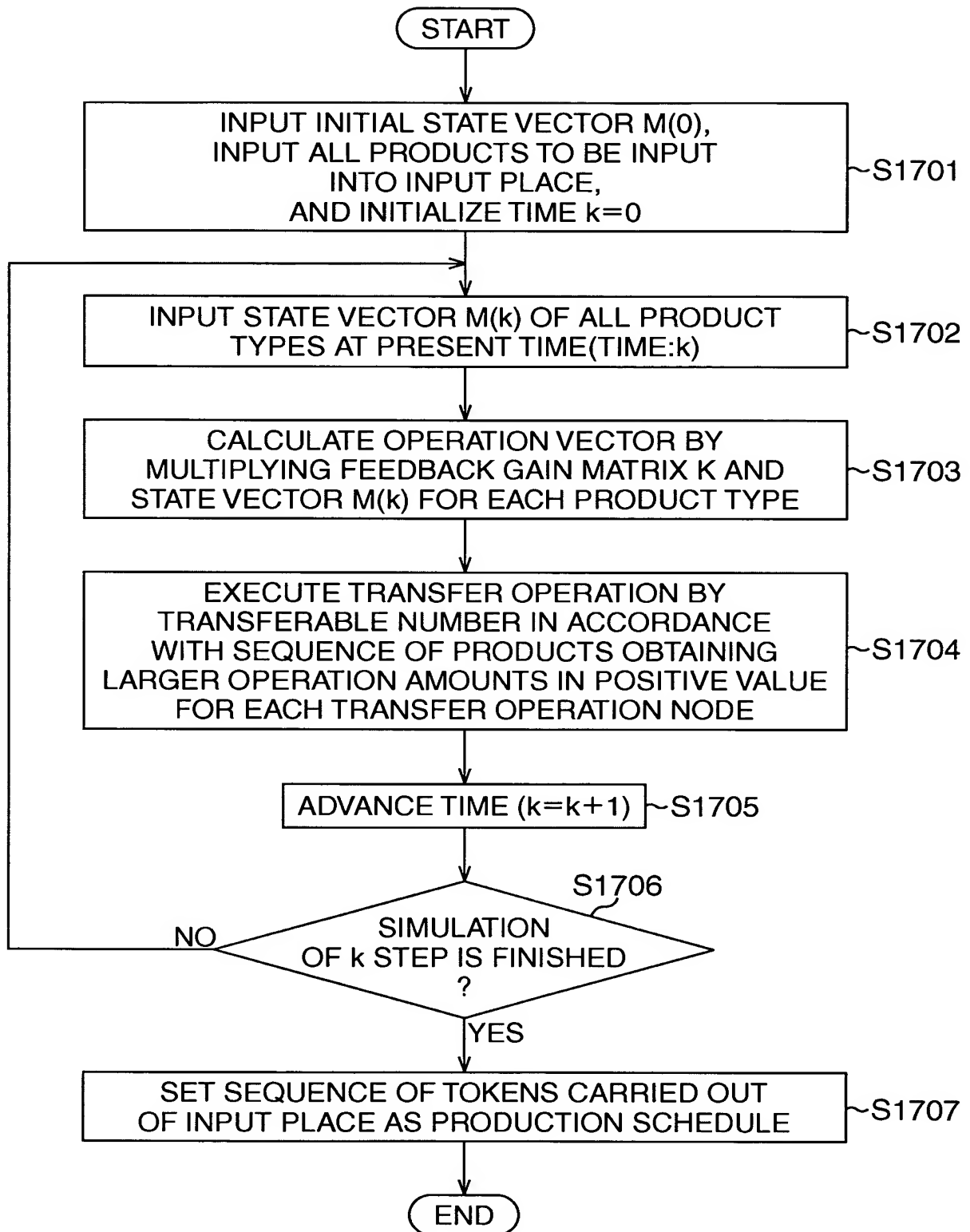


FIG. 18

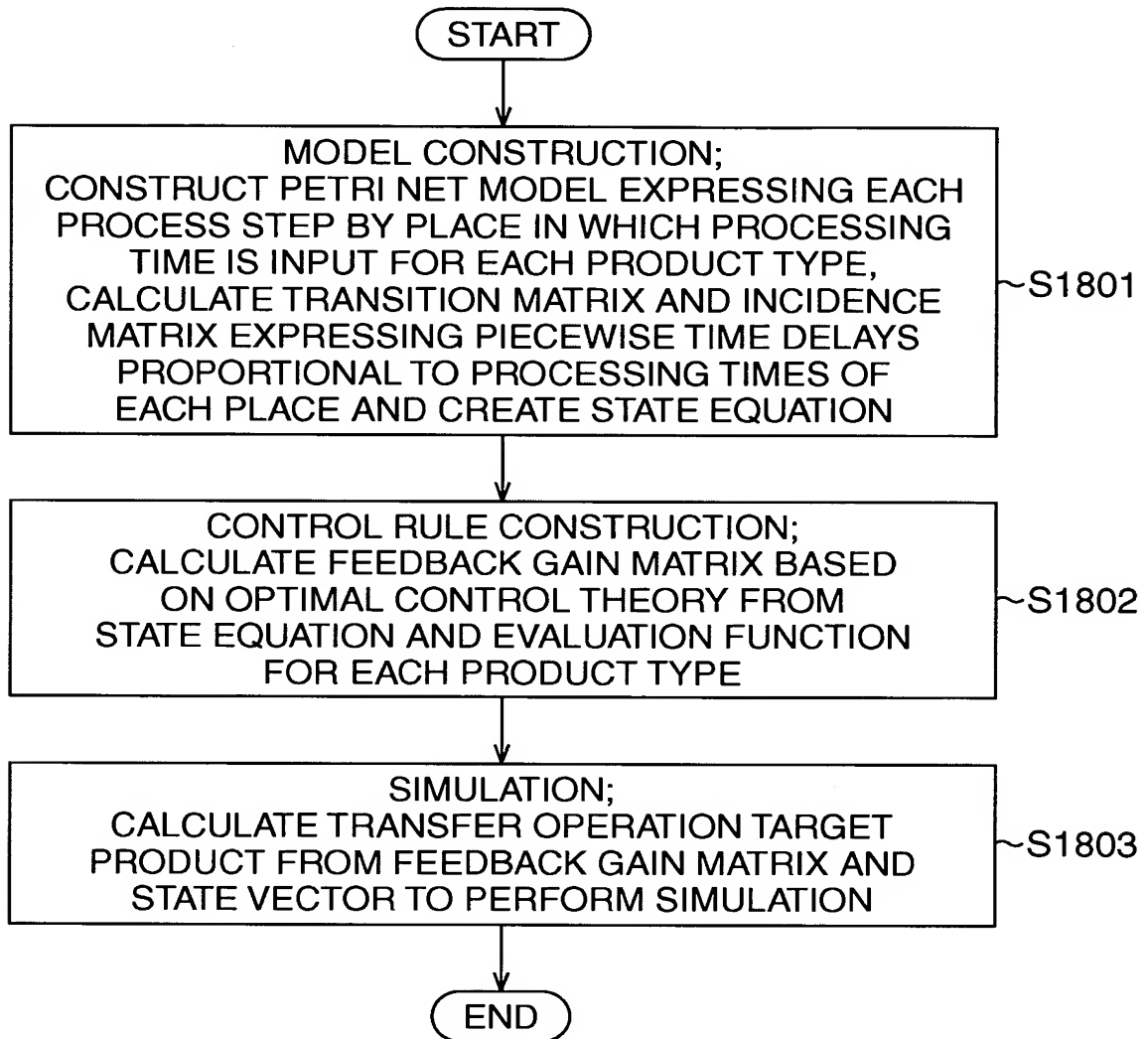


FIG. 19

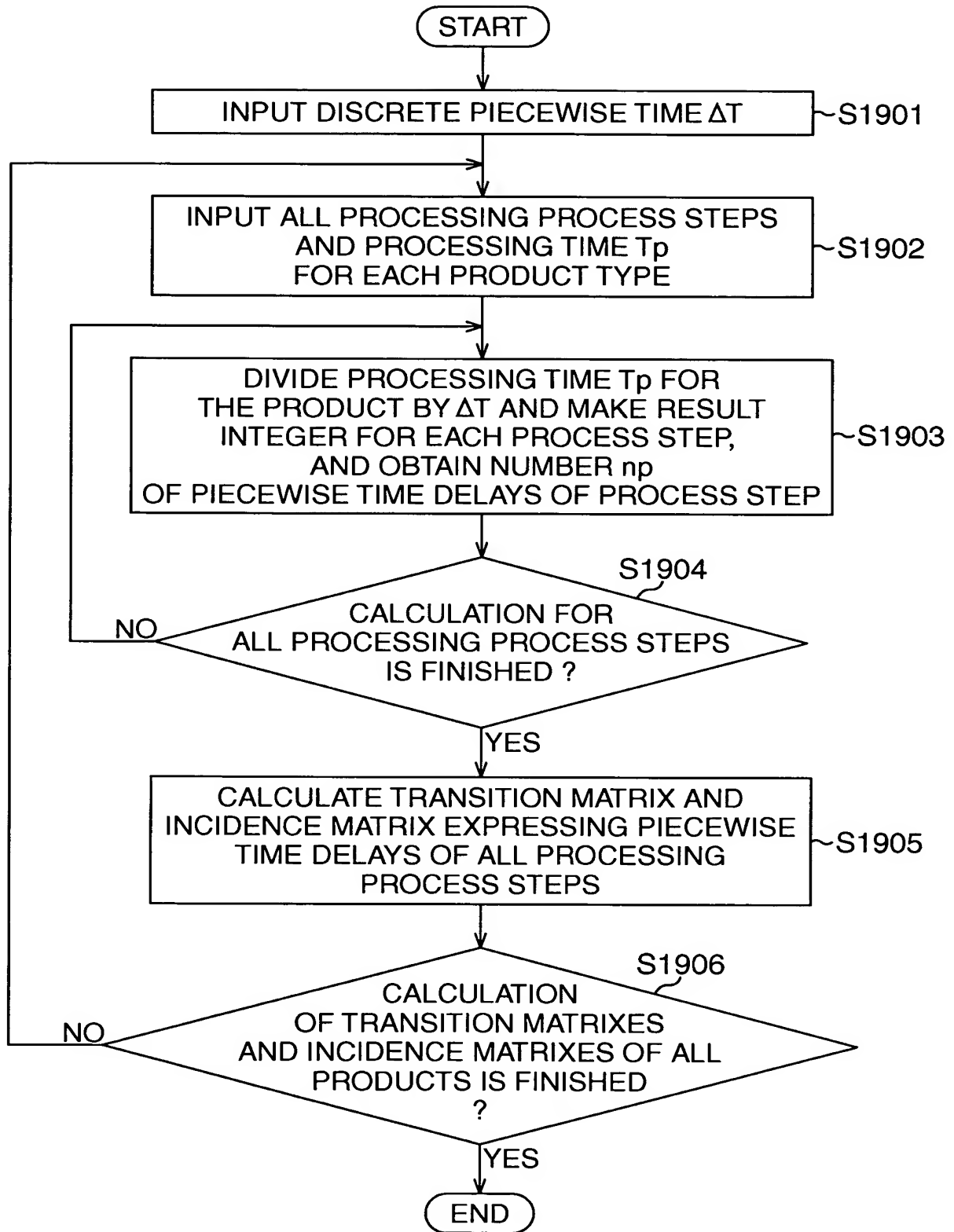


FIG. 20

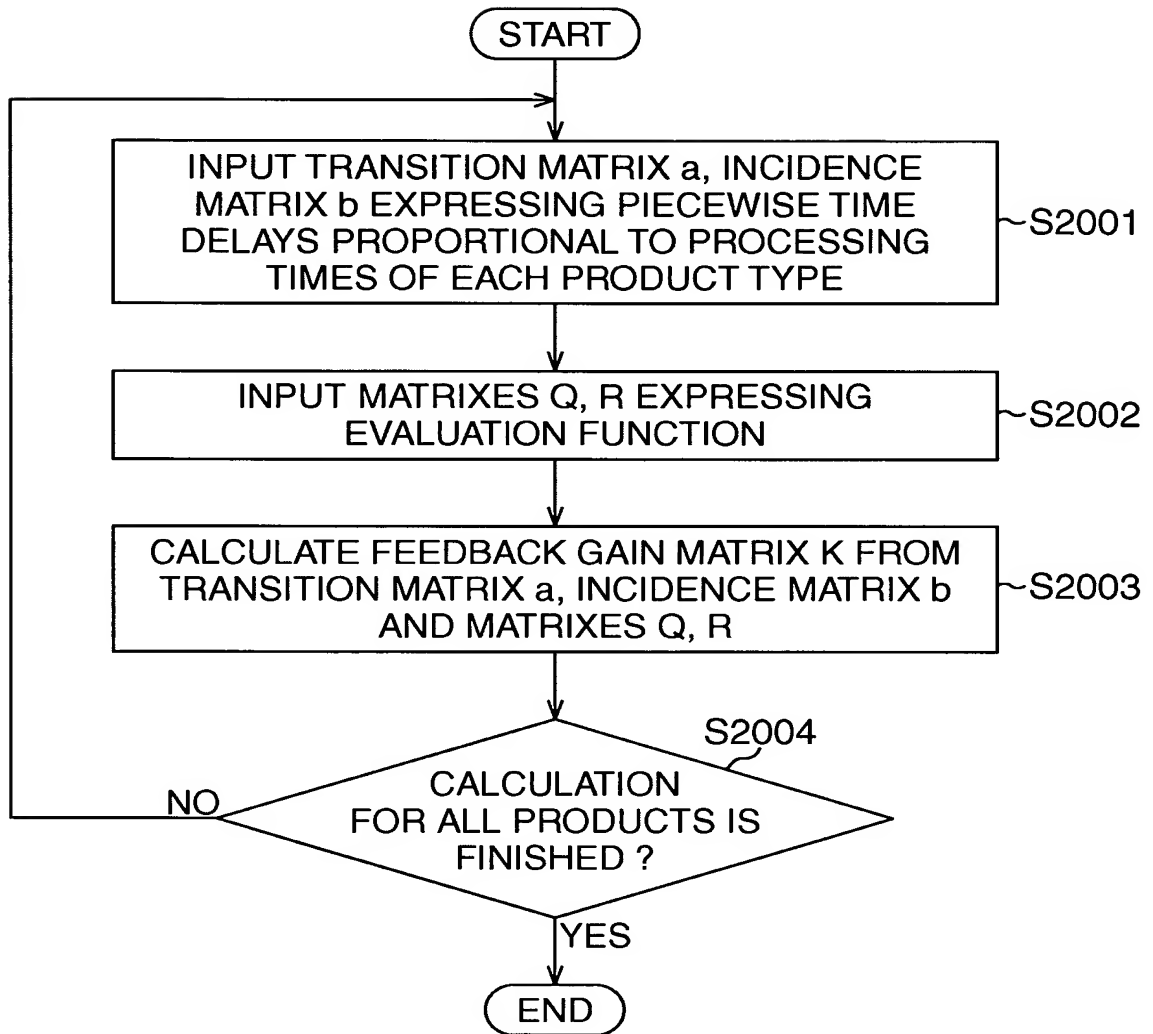


FIG. 21

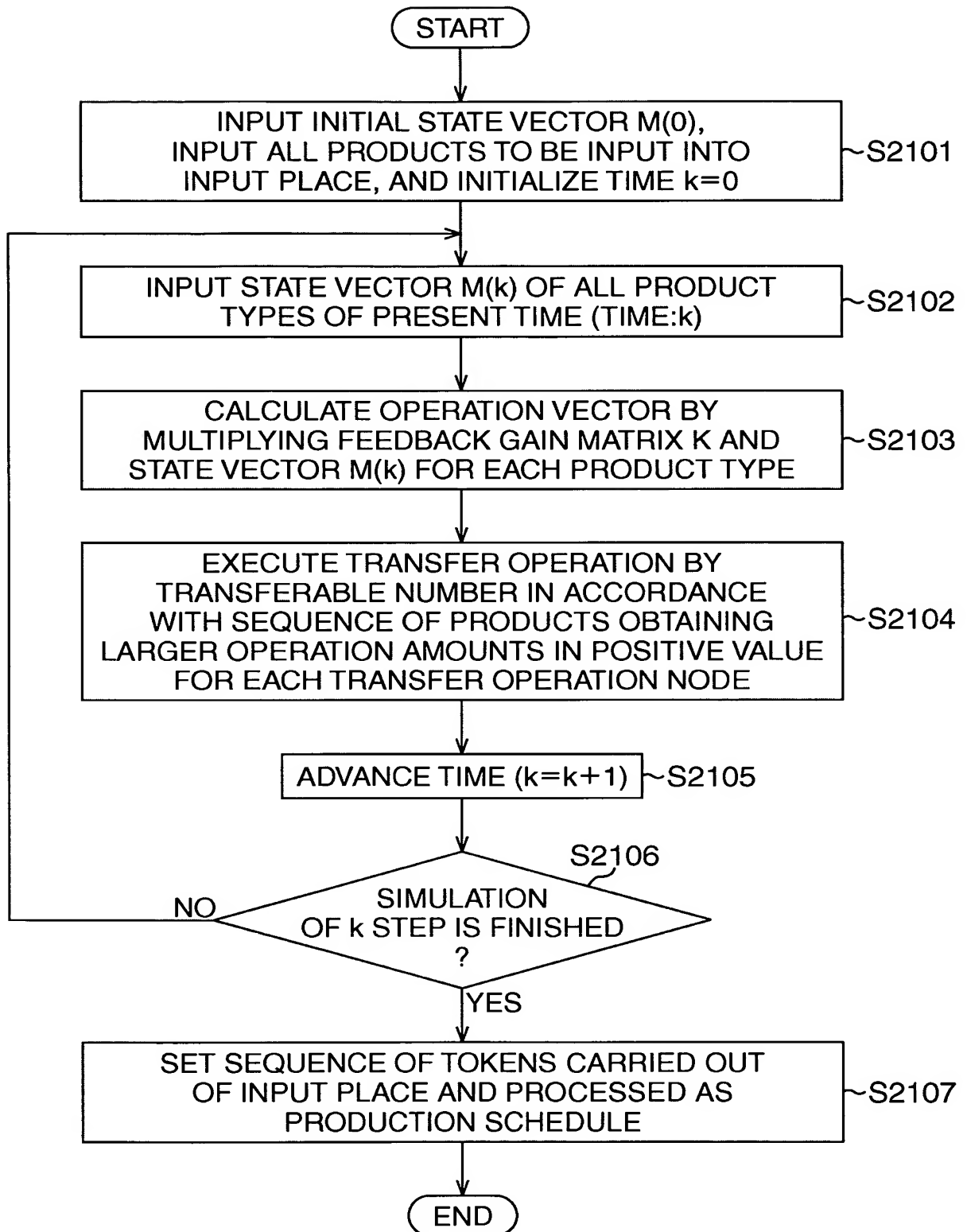


FIG. 22

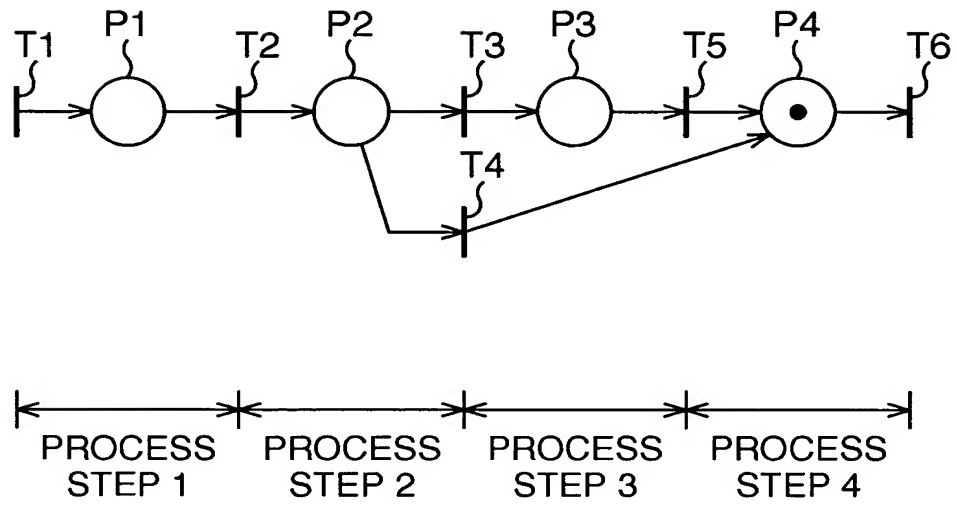


FIG. 23

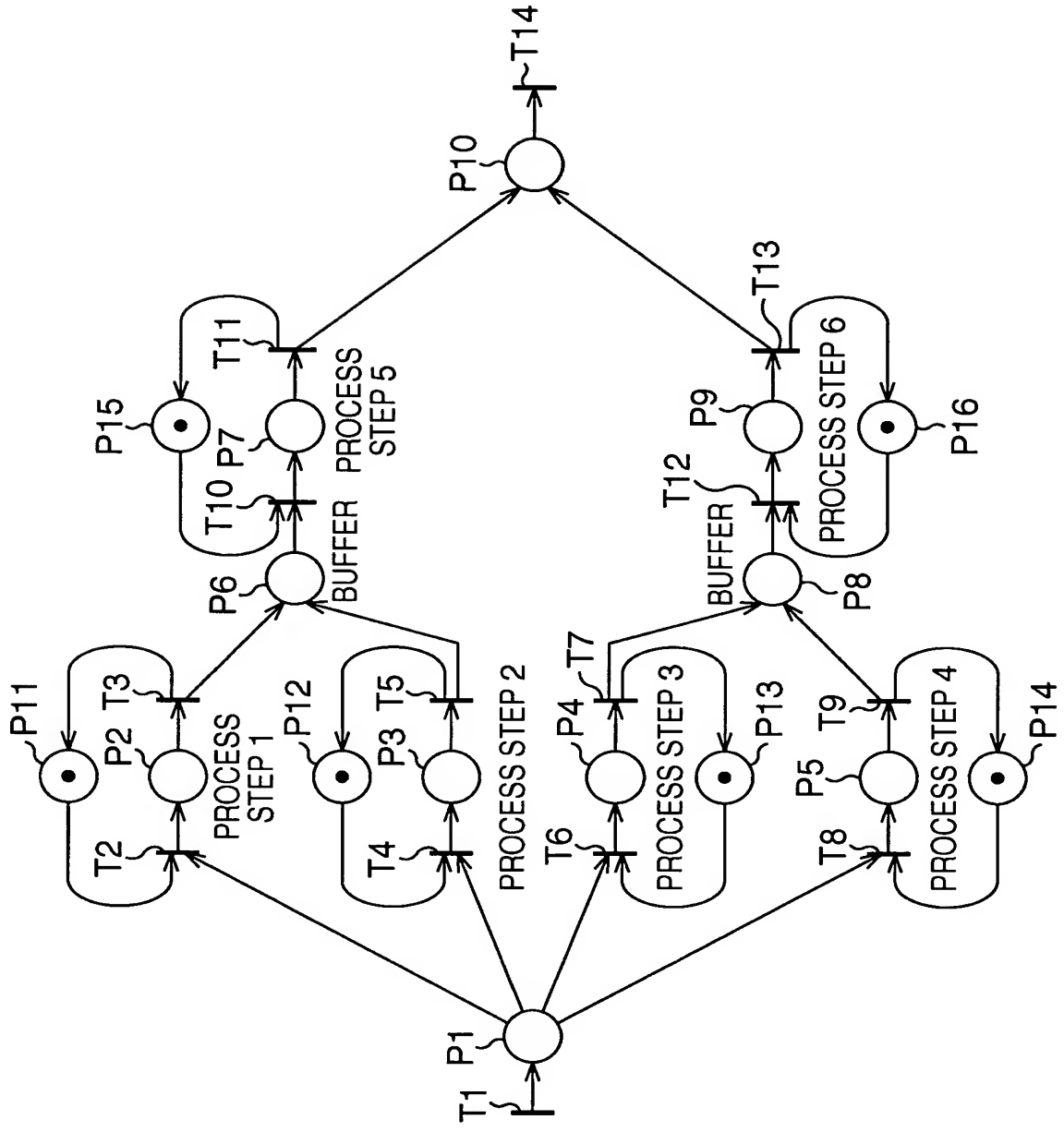


FIG. 25

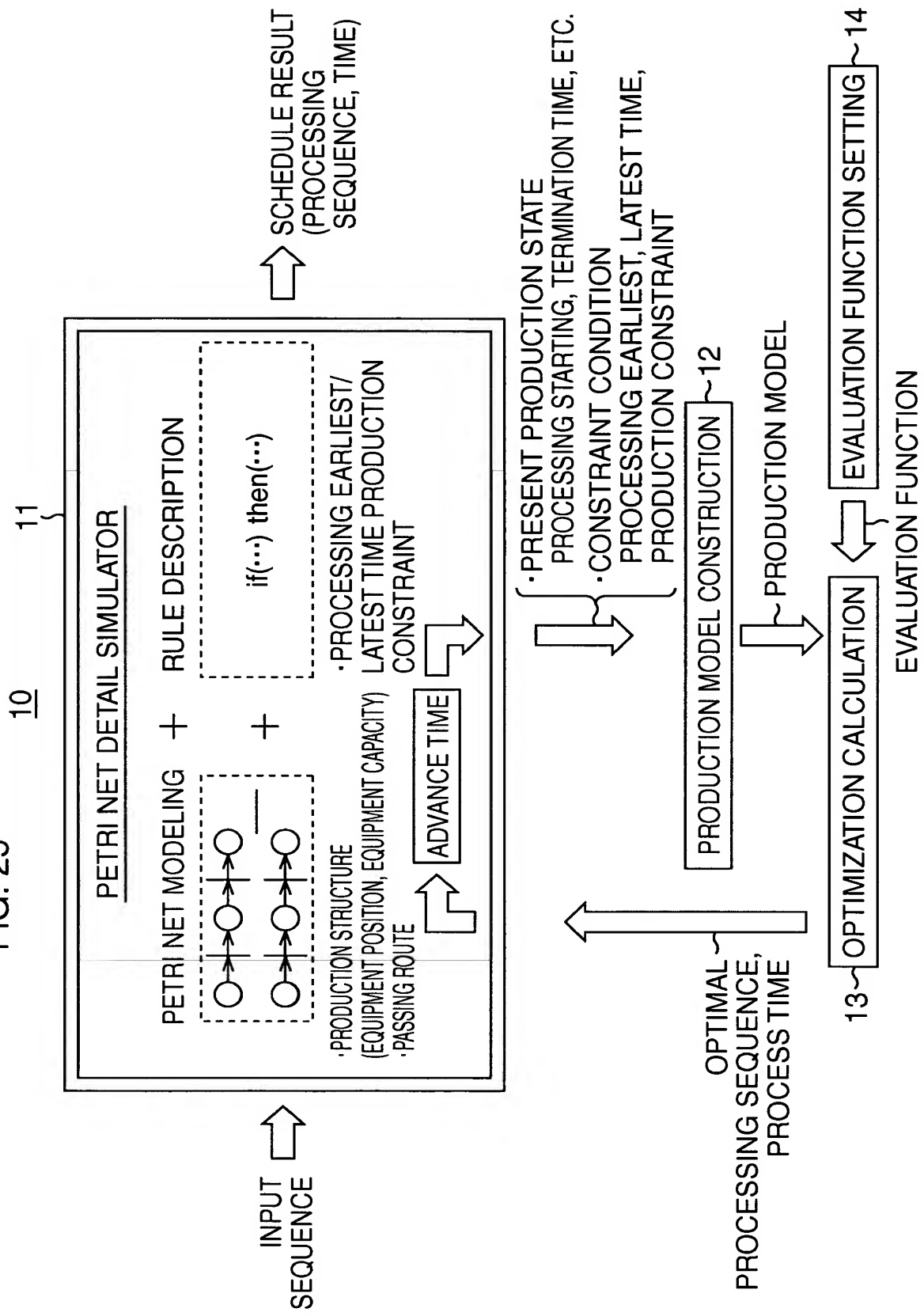


FIG. 26

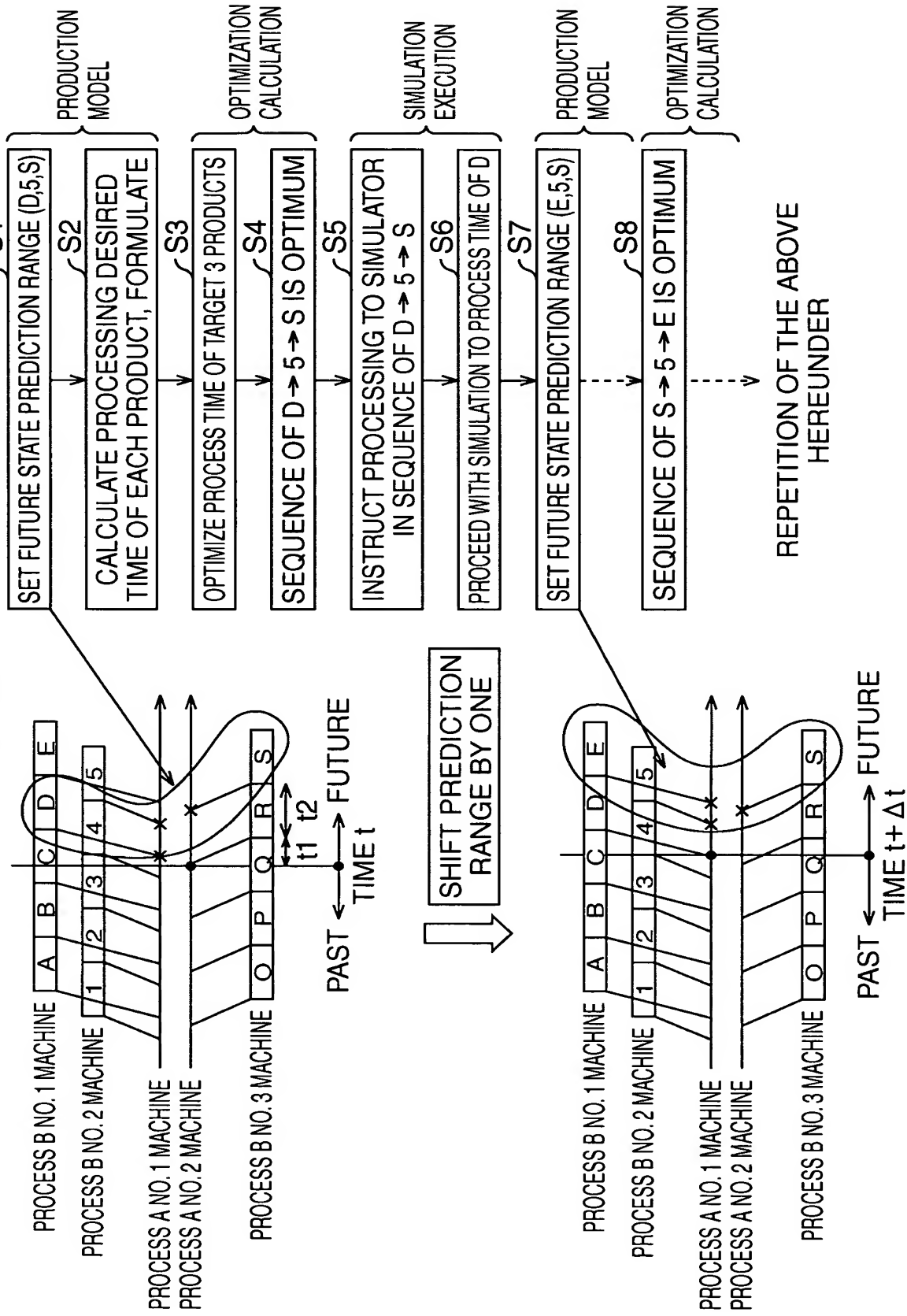


FIG. 27

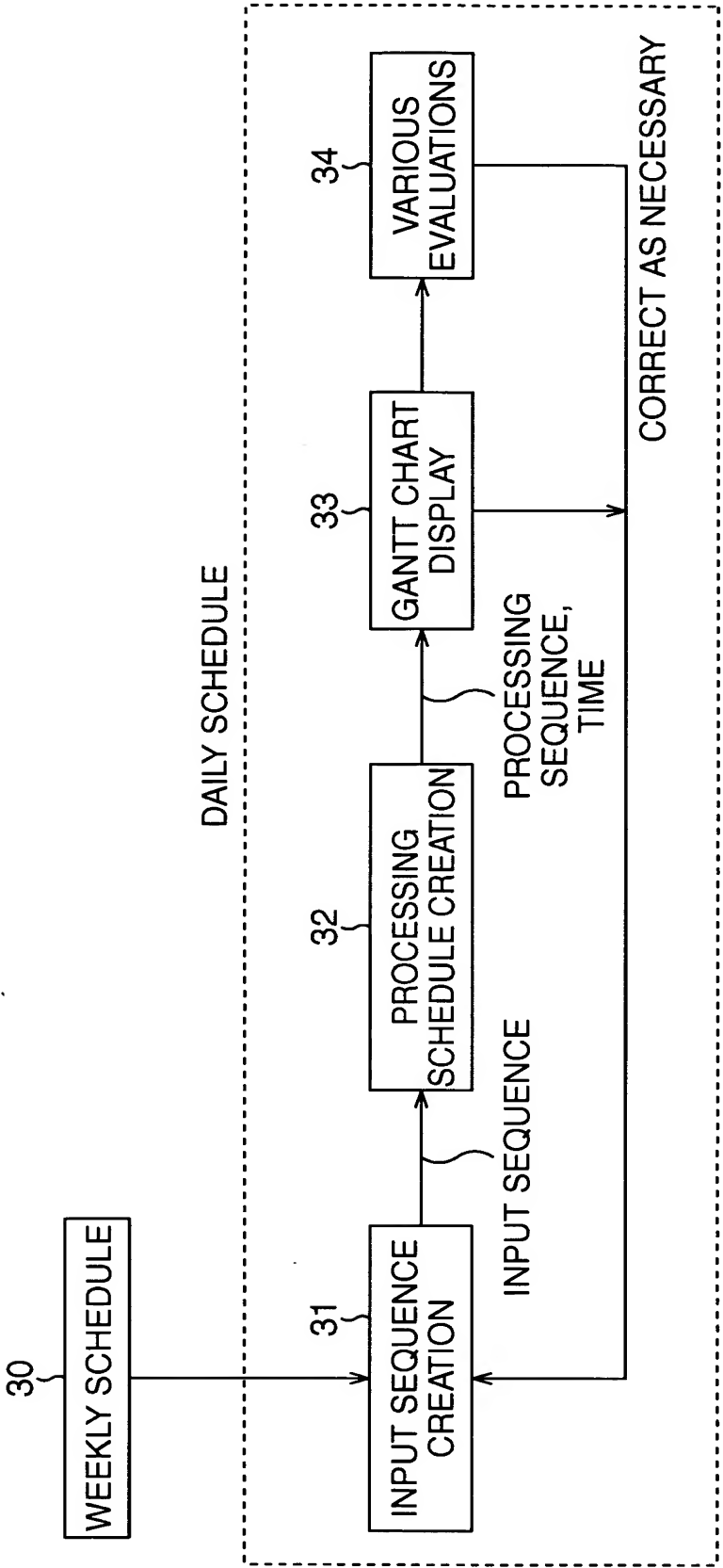
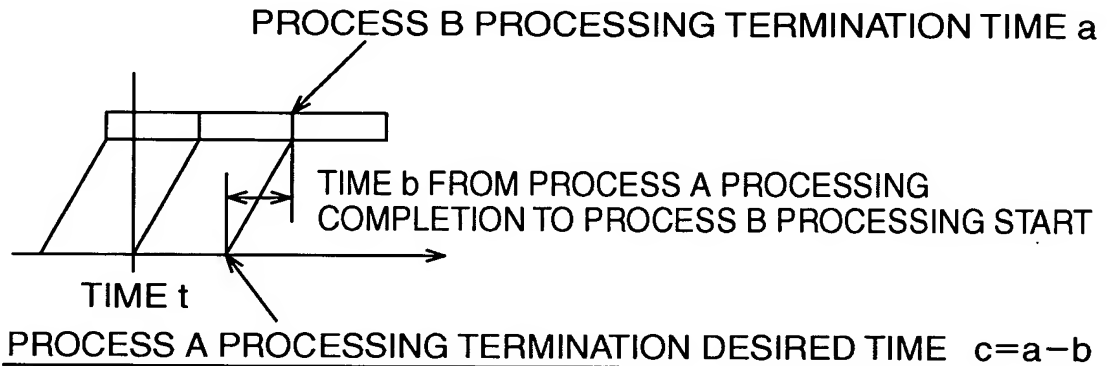


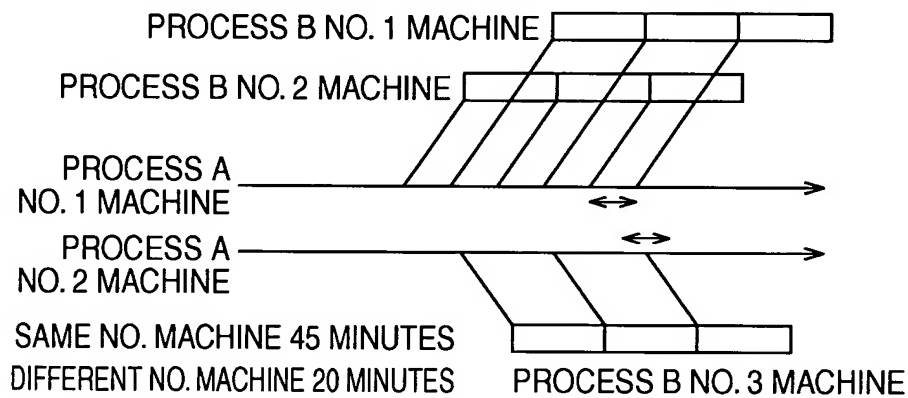
FIG. 28

PRODUCTION MODEL FORMULATION OUTLINE

1. ESTIMATE PROCESS A PROCESSING TERMINATION DESIRED TIME



2. ACQUIRE PROCESS B PRODUCTION CONSTRAINT



$$|c1 - c2| \geq 45, |c2 - c3| \geq 20$$

$$c1 \text{ EARLIEST} \leq c1 \leq c1 \text{ LATEST}$$

PRODUCTION MODEL

$$Ax \leq B$$

$$x \min \leq x \leq x \max$$

FIG. 29

